

Product Data Sheet



R100AXB

Replace "X" with 1, 2 or 3 for number of poles

Reinforced Class R Fuse Holder 100 Amps, 250 Volts AC/DC



Wire Range:

#2/0 - #14 AWG Copper

#2/0 - #12 AWG Aluminum

Holds fuse size 1" diameter X 5 7/8"

Commonly used fuses in this holder: A2D-R, A2K-R, DLN-R, FLN-R, FLNR, KLN-R, KLN-R, KTS-R, LLNRK, LPN-RK, TLN, TR-R

[See table below for wire sizes.](#)

Electrical Ratings:

- 61 - 100A max (amperage rating based on maximum fuse rating for that physical size)
- 250 Volts AC/DC
- Approved for 200,000 Amp Withstand Rating

Mechanical Ratings:

- Insulator base temperature rating: -40°C/F to 150°C (302°F) UL RTI
- Flammability rating of insulator base: UL 94 V-0
- Touch protection: IP-20 (IEC 60529) with optional cover CHR2100 (See accessories)
 - Use outside these ratings needs to be judged in the end-use application.

Materials:

- Fuse Clip: Copper alloy, tin plated
- Box Connector: High conductivity aluminum, tin plated
- Reject Rivet: Stainless Steel
- Reinforcing Spring Leaf: Steel, zinc plated
- Insulator base: Phenolic
- Terminal set screws: Aluminum, tin plated
- Connector mounting screws: Steel, zinc plated

Agency Approvals:

- UL Listed, Fuseholder standards UL 4248-1 and UL 4248-12.
- UL File No. IZLT.E35113
- CSA Certified, CSA C22.2 No. 39 – M1987, File No. LR21455
- CE compliant to IEC 60947-1
- RoHS Compliant

Wire Approvals:

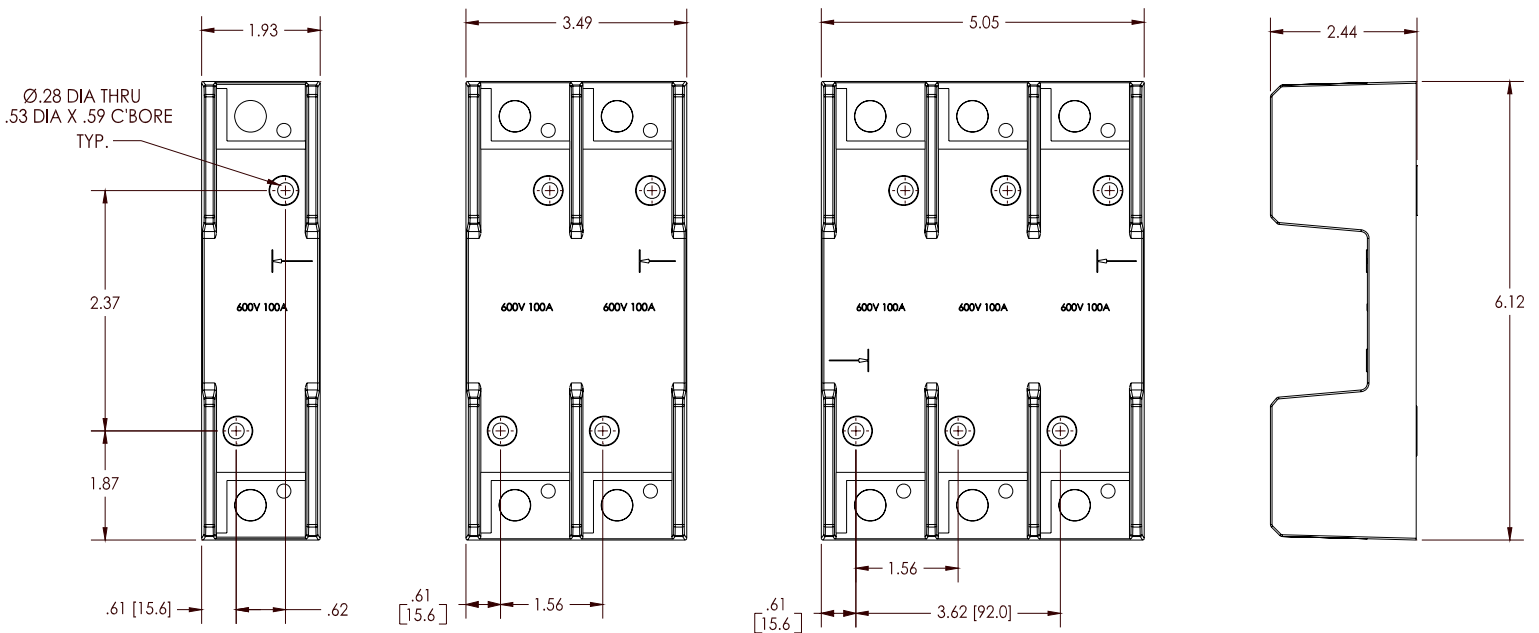
Wire Size	Torque		Copper Wire Stranding Classes - Number of Conductors		
	N-m	In. lbs	Solid	Class B	Class C
2/0 AWG	13.6	120		1	1
1/0	13.6	120		1	1
1	13.6	120		1	1
2	13.6	120		1	1
4	13.6	120		1	1
6	13.6	120		1	1
8	13.6	120		1	1
10	13.6	120	1	1	1
12	13.6	120	1	1	1
14	13.6	120	1	1	1

Aluminum stranded wire range: #2 - #12 AWG

- Wire strip length – 1 5/16"
- Hex key required – 5/16"
- Panel mountable: #10 fastener, torque to 25-30 in. lbs. (2.8 - 3.4 N-m)

Accessories:

- Cover: CHR2100. Glass-filled polycarbonate (thermoplastic). 125°C (UL RTI), Flammability rating UL 94 V-0, UL Listed File No. JDVS2.181825.



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